

MATERIAL SAFETY DATA SHEET

MSDS Name: FORMICA F-145 20° + CONTACT ADHESIVE

MSDS Number: F145

MSDS Last Updated: MAY-15-2000

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SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: FORMICA F-145 20° + CONTACT ADHESIVE
CAS Number: MIXTURE
Hazard Rating: Health: 2 Fire: 3 Reactivity: 0 PPI: B

Company Identification: TACC
AIR STATION INDUSTRIAL PARK
ROCKLAND MA 02370

Telephone/Fax: (781) 878-7015 (781) 871-6727
Chemtrec (24 Hour): (800) 424-9300

Trade Name: FORMICA F-145
Product Code: AL3405, AL3406, AL3407
DOT Hazard Class 3
UN Number: 1133
Shipping Name: ADHESIVES
Packing Group: II

SECTION II - HAZARDOUS INFORMATION

Ingredient Name	CAS Number	Percent	TSC
TOLUENE	108-88-3	10-30	Y
METHYL ETHYL KETONE	78-93-3	7-13	Y
TOLUENE	108-88-3	1-5	Y

SECTION III - PHYSICAL DATA

Appearance/Color: CLEAR
Boiling Range: 0.°F - 243.°F
Evaporation Rate: Faster than n-Butyl Acetate
% Volatile Weight: 78.97%

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% Volatile Volume: Not Available
Specific Gravity: 0.839
Weight/Volume Measure: 6.98637
Max. VOC: 662.1 g/L

SECTION IV - FIRE AND EXPLOSION HAZARD DANGER

Flammability Class: IB
Flash Range: < 0
Setaflash
Explosive Range: 1.1%
12.8%

EXTINGUISHING MEDIA:

Foam, dry chemical, carbon dioxide, water spray or fog.

SPECIAL FIREFIGHTING PROCEDURES:

Wear a self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Vapors are heavier than air and may travel to an ignition source distant from the material handling point.

SECTION V - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:

SEE SECTION VIII.

EFFECTS OF OVEREXPOSURE:

INGESTION: Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

INHALATION: May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.

EYES: May cause severe eye irritation and corneal damage.

SKIN: May cause dermatitis. May cause defatting and irritation of the skin.

FIRST AID:

EYES: Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.

SKIN: Thoroughly wash exposed area with soap and water. Remove

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contaminated clothing and laundry before re-use.
INGESTION: Do not induce vomiting, keep person warm, quiet, and get medical attention (aspiration of this material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.
INHALATION: Remove individual to fresh air and if breathing is difficult, administer oxygen.

SECTION VI - REACTIVITY DATA

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:
Strong oxidizing agents, strong acids and bases.

CONDITIONS TO AVOID:
Fire, sparks, static electricity.
HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon monoxide, carbon dioxide.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Keep spectators away. Eliminate all ignition sources (flames, hot surfaces and sources of electrical, static or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.

WASTE DISPOSAL METHOD:

Dispose of in accordance with federal, state and local regulations.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
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TOLUENE

50.00 PPM	N/est	N/est	N/est	200.00 PPM
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METHYL ETHYL KETONE

200.00 PPM	N/est	300.00 PPM	N/est	200.00 PPM
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TOLUENE

50.00 PPM	N/est	N/est	N/est	200.00 PPM
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RESPIRATORY PROTECTION:

If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL.

PROTECTIVE GLOVES:

Chemical resistant gloves.

EYE PROTECTION:

Chemical splash goggles in compliance with OSHA regulations are advised.

OTHER PROTECTIVE EQUIPMENT:

To prevent repeated, prolonged skin contact, wear impervious clothing and boots.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use. Store at 60-95 degrees F and out of the sun. Use adequate ventilation to avoid breathing vapors when cover is removed. Ground all equipment when handling flammable solventborne materials.

OTHER PRECAUTIONS:

Containers may be hazardous when empty. Never use welding or cutting torch on or near drum (even when empty).

SECTION X - ADDITIONAL REGULATORY INFORMATION

-SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the

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reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
TOLUENE	108-88-3	10-30
METHYL ETHYL KETONE	78-93-3	7-13
TOLUENE	108-88-3	1-5

-PROP 65 (TERATOGEN)

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

Ingredient Name	CAS Number	Percent
TOLUENE	108-88-3	10-30
TOLUENE	108-88-3	1-5

The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
TOLUENE	108-88-3	1-5

DISCLAIMER

***** NOTICE *****

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